



SEQUENCE LISTING

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AUG 08 2000

TECH CENTER 1600/2900

<110> APPLICANT: Kaempfer, Raymond  
Arad, Gila

<120> TITLE: BROAD SPECTRUM PYROGENIC EXOTOXINS  
ANTAGONISTS AND VACCINES

<130> DOCKET/FILE REFERENCE: A31967-PCT-USA-A

<140> CURRENT APPLICATION NUMBER: 09/150,947

<141> FILING DATE: 1998-09-10

<150> PRIOR APPLICATION NUMBER: PCT/IL97/00438

<151> FILING DATE: 1997-12-30

<150> PRIOR APPLICATION NUMBER: ISRAEL 119938

<151> FILING DATE: 1996-12-30

<160> NUMBER OF SEQUENCES: 12

<170> SOFTWARE: FastSEQ for Windows Version 3.0

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<213> ORGANISM:Staphylococcus aureus

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Lys Lys Lys Val Thr Ala Gln Glu Leu Asp

20 25

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1 5 10



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Glu Leu Asp  
35

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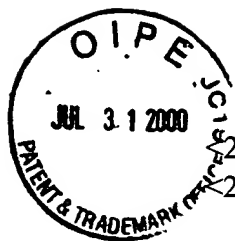
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<223> OTHER INFORMATION: D-alanine

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1 5 10 15

Phe Thr Gly Leu Met Glu Asn Met Lys Val Leu Tyr Asp Asp Asn His

20 25 30

Val Ser Ala Ile Asn Val Lys Ser Ile Asp Gln Phe Leu Tyr Phe Asp

35 40 45

Leu Ile Tyr Ser Ile Lys Asp Thr Lys Leu Gly Asn Tyr Asp Asn Val

50 55 60

Arg Val Glu Phe Lys Asn Lys Asp Leu Ala Asp Lys Tyr Lys Asp Lys

65 70 75 80



Tyr Val Asp Val Phe Gly Ala Asn Tyr Tyr Tyr Gln Cys Tyr Phe Ser  
85 90 95

Lys Lys Thr Asn Asp Ile Asn Ser His Glu Thr Asp Lys Arg Lys Thr  
100 105 110

Cys Met Tyr Gly Gly Val Thr Glu His Asn Gly Asn Gln Leu Asp Lys  
115 120 125

Tyr Arg Ser Ile Thr Val Arg Val Phe Glu Asp Gly Lys Asn Leu Leu  
130 135 140

Ser Phe Asp Val Gln Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu  
145 150 155 160

Asp Tyr Leu Thr Arg His Tyr Leu Val Lys Asn Lys Lys Leu Tyr Glu  
165 170 175

Phe Asn Asn Ser Pro Tyr Glu Thr Gly Tyr Ile Lys Phe Ile Glu Asn  
180 185 190

Glu Asn Ser Phe Trp Tyr Asp Met Met Pro Ala Pro Gly Asp Lys Phe  
195 200 205

Asp Gln Ser Lys Tyr Leu Met Met Tyr Asn Asp Asn Lys Met Val Asp  
210 215 220

Ser Lys Asp Val Lys Ile Glu Val Tyr Leu Thr Thr Lys Lys Lys  
225 230 235